Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\

Quantitation Report (Not Reviewed)

Data File : VU030384.D
Acq On : 24 Mar 2019 23:18
Operator : JC/SP
Sample : K2063-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6S5

Quant Time: Mar 25 05:52:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 05:48:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	403255	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	372456	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	145957	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	127581	39.31	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 78.62%			
7) Chloroethane-d5	1.67	69	112081	43.57	ug/L	0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.14%			
11) 1,1-Dichloroethene-d2	2.27	63	192832	31.32	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.64%			
21) 2-Butanone-d5	4.17	46	305537	100.15	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.15%			
24) Chloroform-d	4.64	84	259832	46.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.94%			
26) 1,2-Dichloroethane-d4	5.31	65	178158	48.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.38%			
32) Benzene-d6	5.34	84	525344	49.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.36%			
36) 1,2-Dichloropropane-d6	6.33	67	190671	52.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.36%			
41) Toluene-d8	7.56	98	455741	47.51	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.02%			
43) trans-1,3-Dichloropropene-	7.85	79	78655	45.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.54%			
47) 2-Hexanone-d5	8.31	63	206521	104.29	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.29%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	259855	49.69	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.38%			
64) 1,2-Dichlorobenzene-d4	11.86	152	148737	50.86	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.72%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	3366	0.676	ug/L	100
8) Chloroethane	1.59	64	1619	0.608	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1653	0.562	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	1650	0.572	ug/L #	1
13) Acetone	2.32	43	6004	1.946	ug/L	96
44) trans-1,3-Dichloropropene	7.85	75	3258	0.716	ug/L	96
51) Chlorobenzene	9.12	112	18213	2.284	ug/L	95
59) 1,2,3-Trichloropropane	11.48	75	25082	5.727	ug/L	91
63) 1,4-Dichlorobenzene	11.51	146	16429	3.343	ug/L	92
65) 1,2-Dichlorobenzene	11.87	146	13950	2.890	ug/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

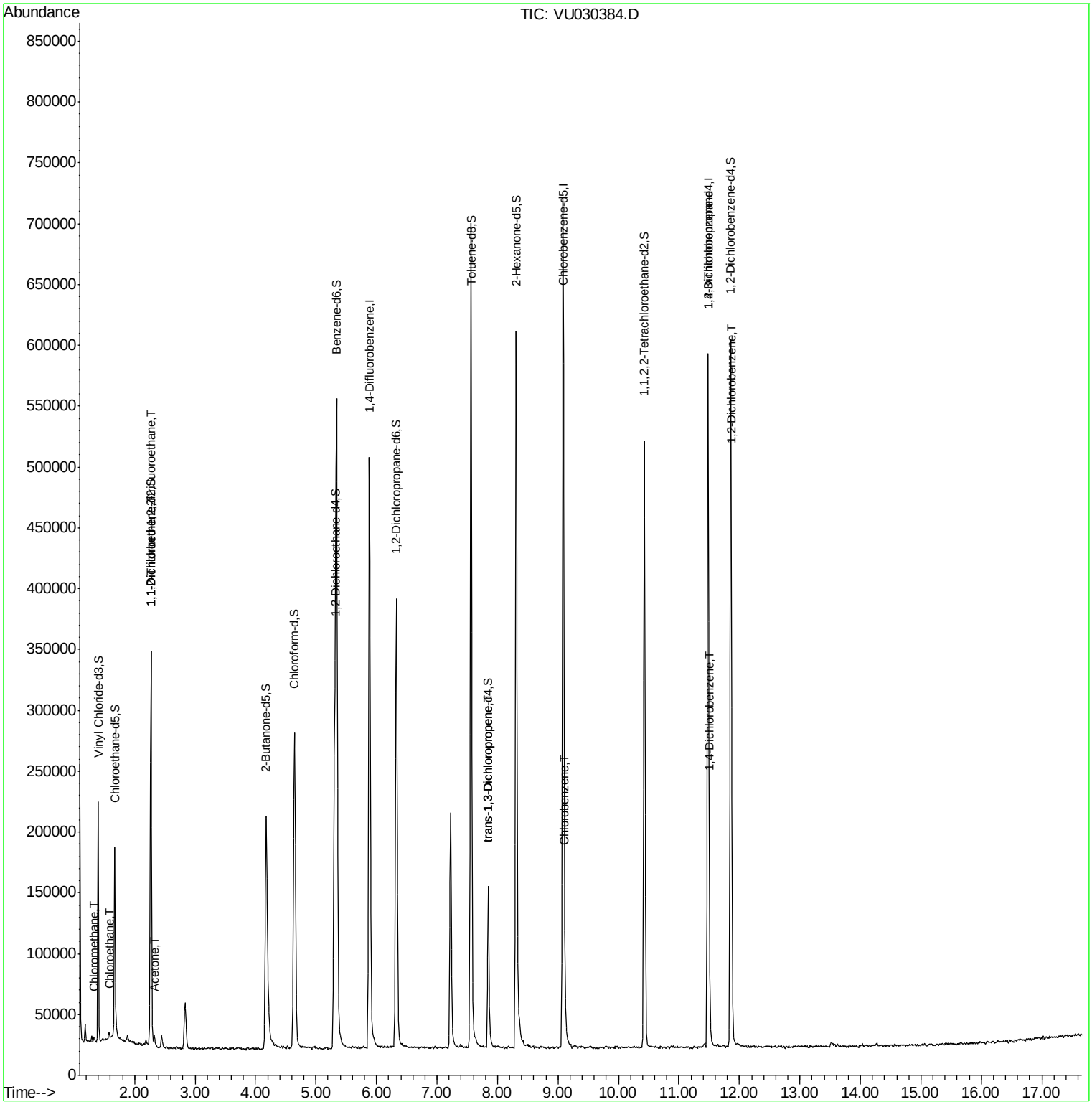
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\

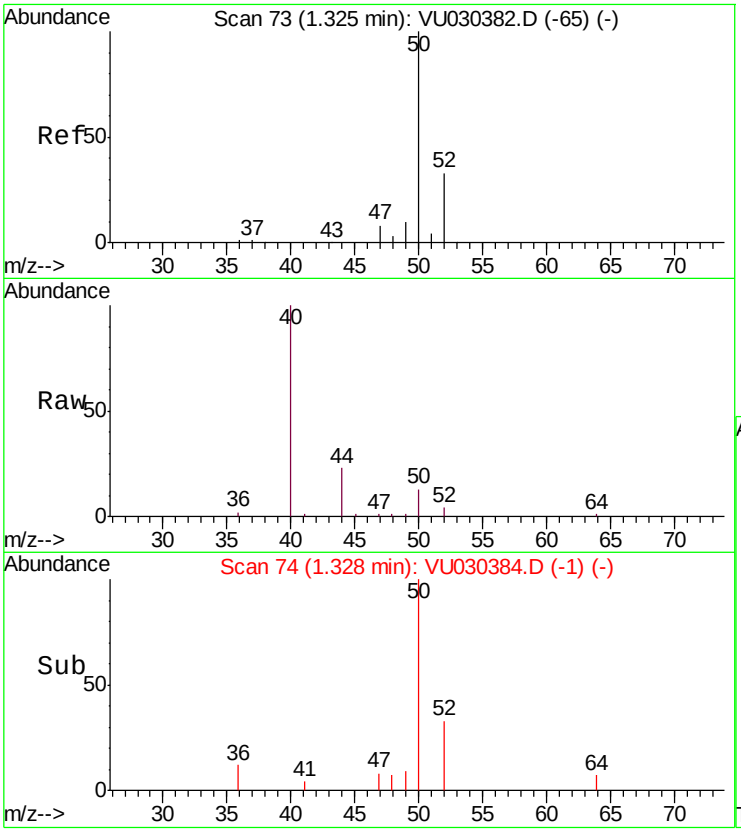
Quantitation Report (Not Reviewed)

Data File : VU030384.D
Acq On : 24 Mar 2019 23:18
Operator : JC/SP
Sample : K2063-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6S5

Quant Time: Mar 25 05:52:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 05:48:44 2019
Response via : Initial Calibration



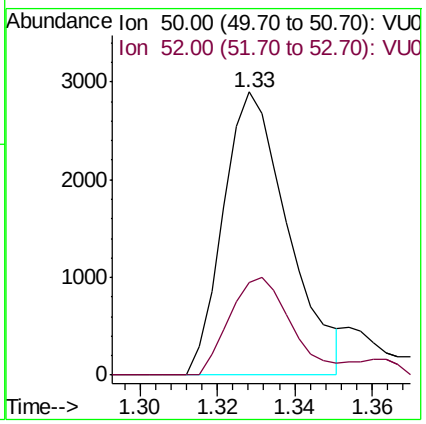


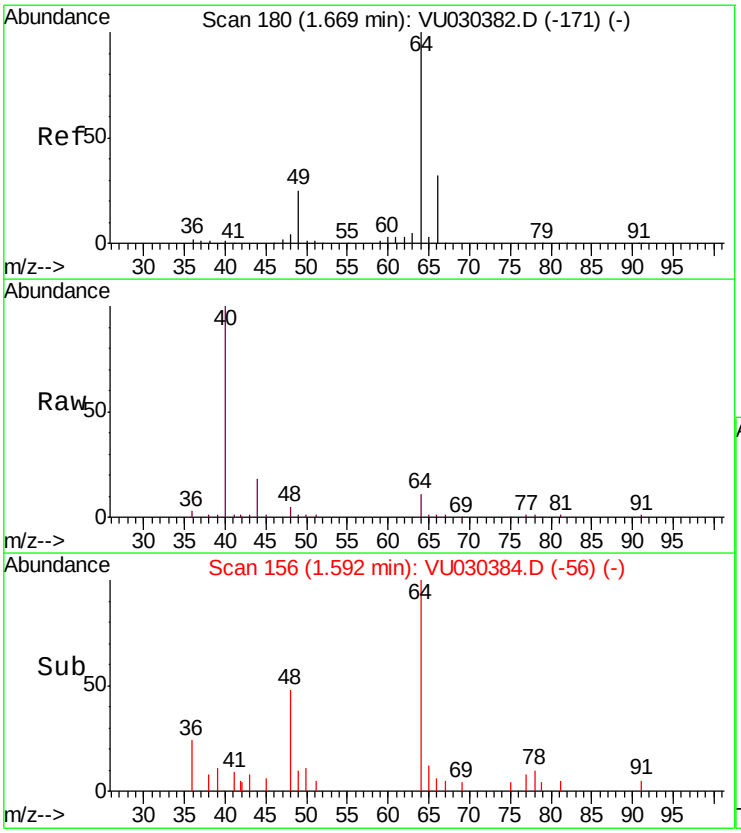
#3
Chloromethane
Concen: 0.676 ug/L
RT: 1.33 min Scan# 74
Delta R.T. 0.00 min
Lab File: VU030384.D
Acq: 24 Mar 2019 23:18

Instrument :
MSVOA_U
ClientSampleId :
DB6S5

Tgt Ion: 50 Resp: 3366

Ion	Ratio	Lower	Upper
50	100		
52	32.9	23.0	42.6

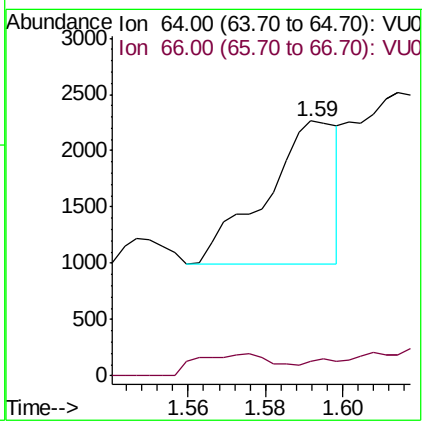


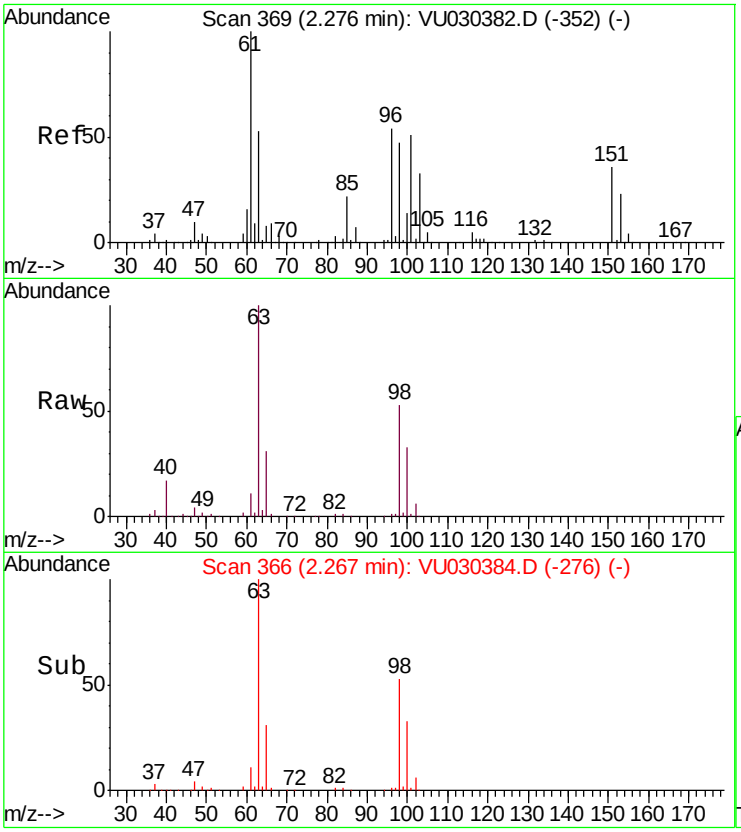


#8
Chloroethane
Concen: 0.608 ug/L
RT: 1.59 min Scan# 156
Delta R.T. -0.08 min
Lab File: VU030384.D
Acq: 24 Mar 2019 23:18

Tgt Ion: 64 Resp: 1619

Ion	Ratio	Lower	Upper
64	100		
66	5.7	22.5	41.7#



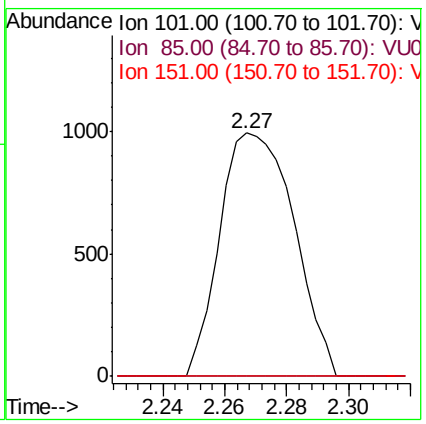


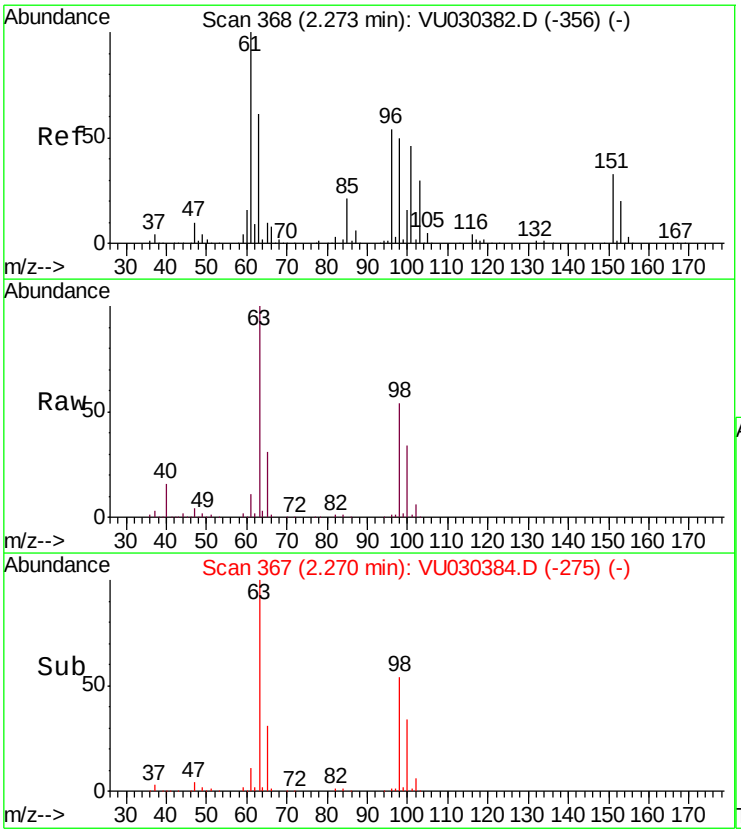
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.562 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU030384.D
Acq: 24 Mar 2019 23:18

Instrument :
MSVOA_U
ClientSampleId :
DB6S5

Tgt Ion:101 Resp: 1653

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.8	52.2#
151	0.0	56.6	85.0#

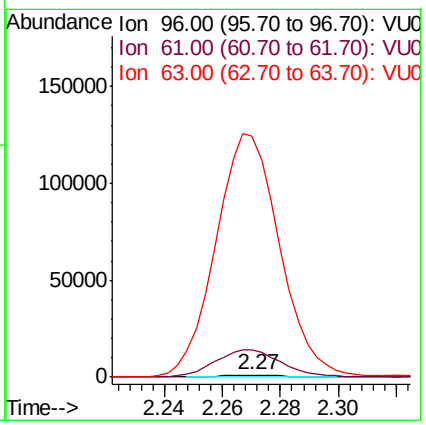


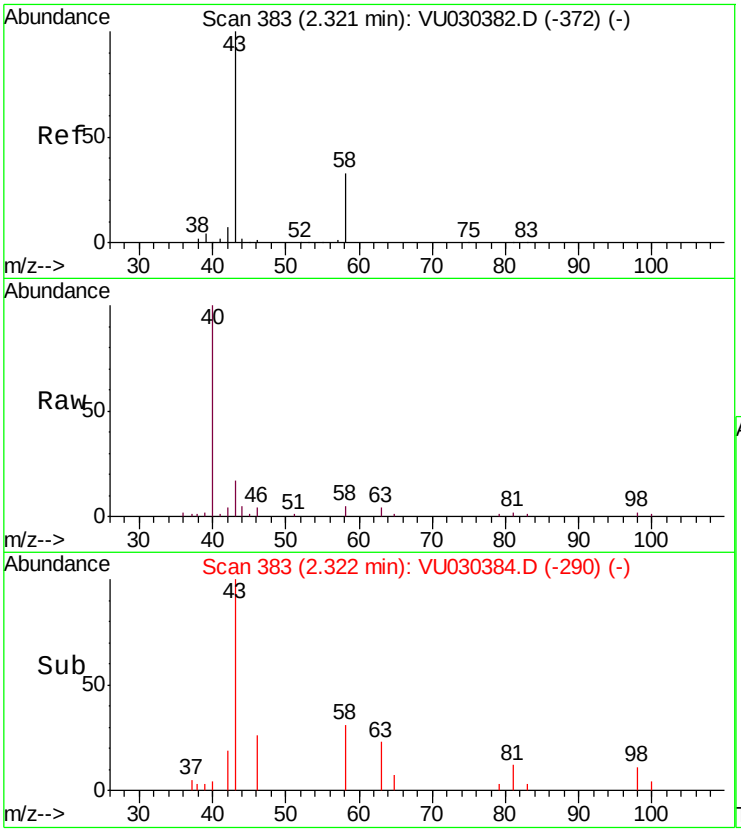


#12
1,1-Dichloroethene
Concen: 0.572 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.00 min
Lab File: VU030384.D
Acq: 24 Mar 2019 23:18

Tgt Ion: 96 Resp: 1650

Ion	Ratio	Lower	Upper
96	100		
61	1242.2	131.0	243.4#
63	10816.3	92.4	171.6#



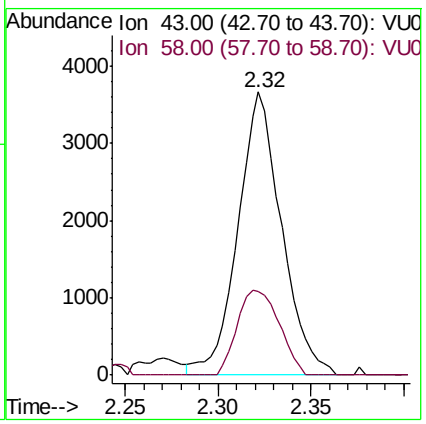


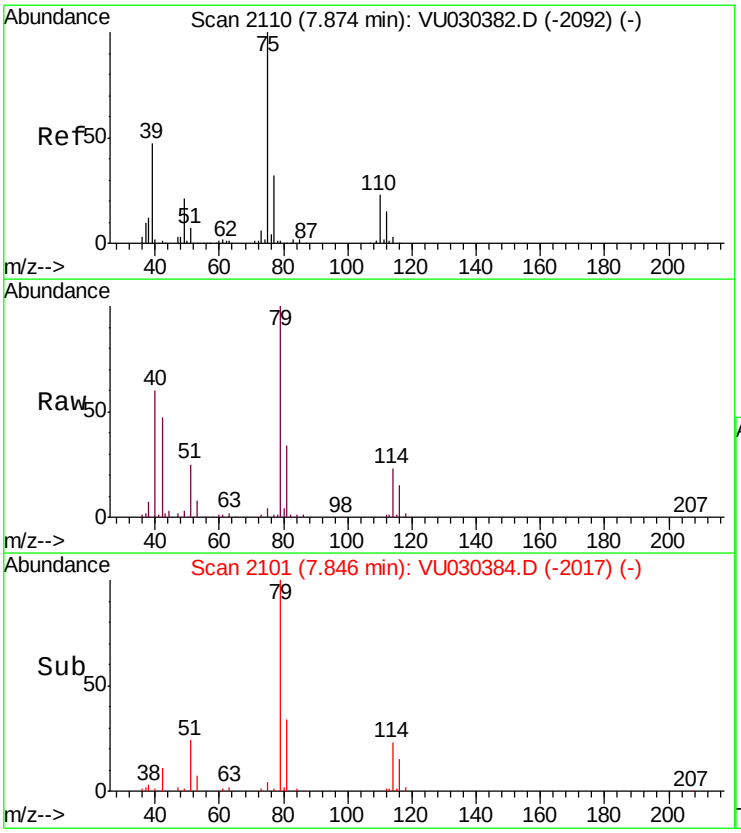
#13
Acetone
Concen: 1.946 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU030384.D
Acq: 24 Mar 2019 23:18

Instrument :
MSVOA_U
ClientSampleId :
DB6S5

Tgt Ion: 43 Resp: 6004

Ion	Ratio	Lower	Upper
43	100		
58	28.9	0.0	62.8

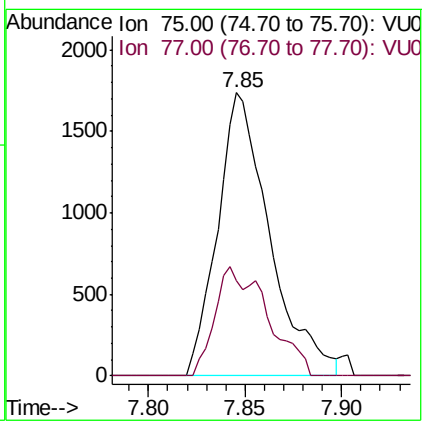


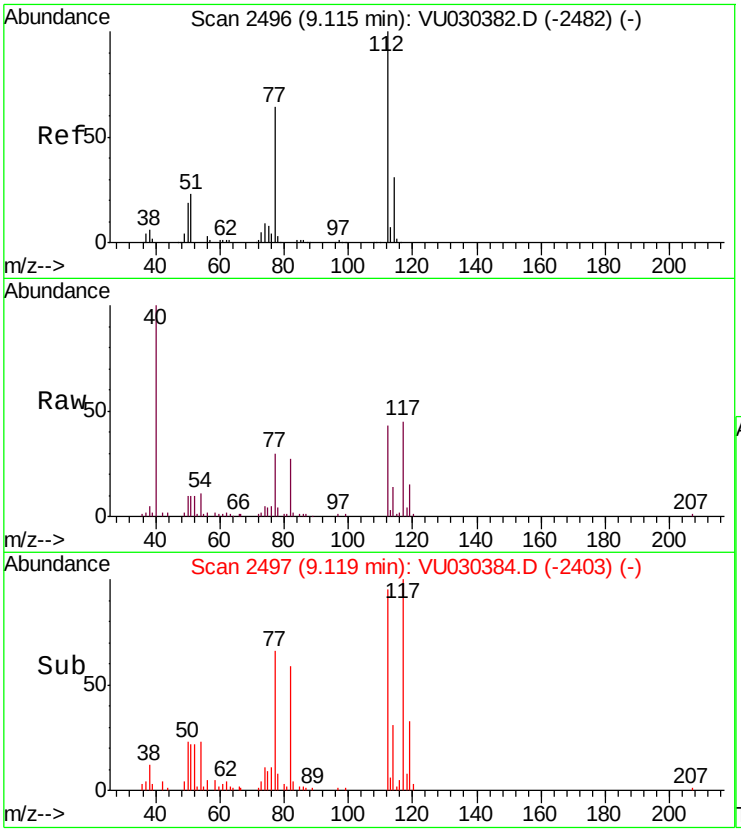


#44
trans-1,3-Dichloropropene
Concen: 0.716 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU030384.D
Acq: 24 Mar 2019 23:18

Tgt Ion: 75 Resp: 3258

Ion	Ratio	Lower	Upper
75	100		
77	33.9	22.0	40.8



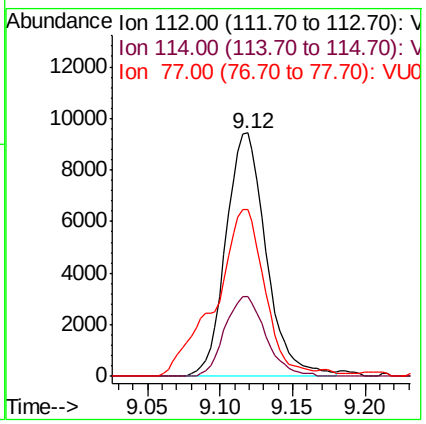


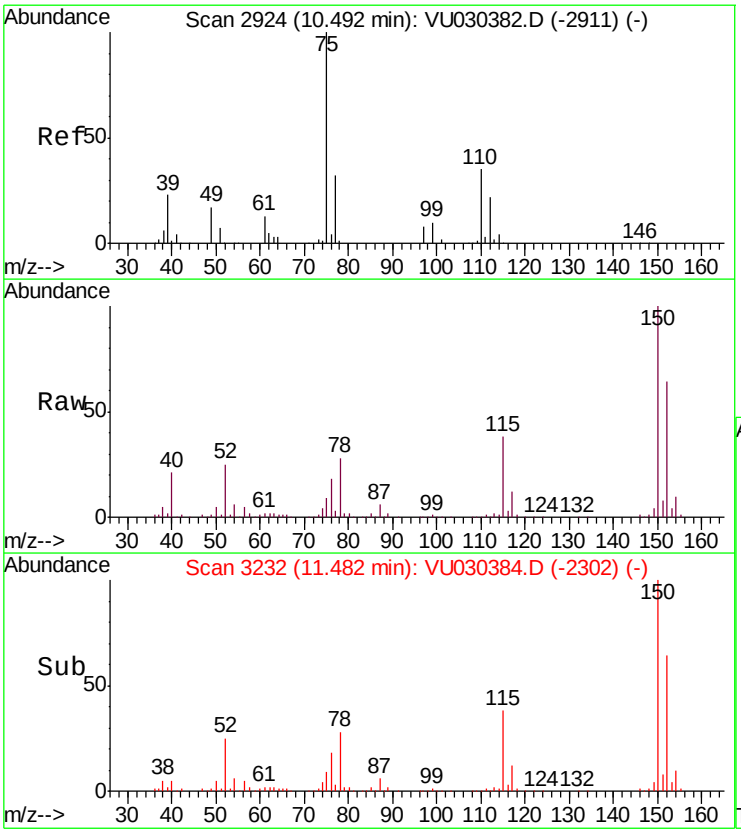
#51
Chlorobenzene
Concen: 2.284 ug/L
RT: 9.12 min Scan# 2497
Delta R.T. 0.00 min
Lab File: VU030384.D
Acq: 24 Mar 2019 23:18

Instrument : MSVOA_U
ClientSampleId : DB6S5

Tgt Ion:112 Resp: 18213

Ion	Ratio	Lower	Upper
112	100		
114	32.7	21.5	39.9
77	68.8	51.4	77.0

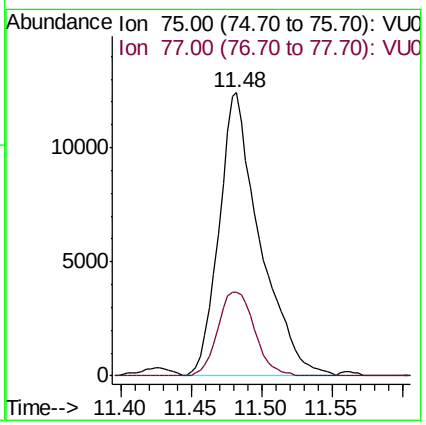


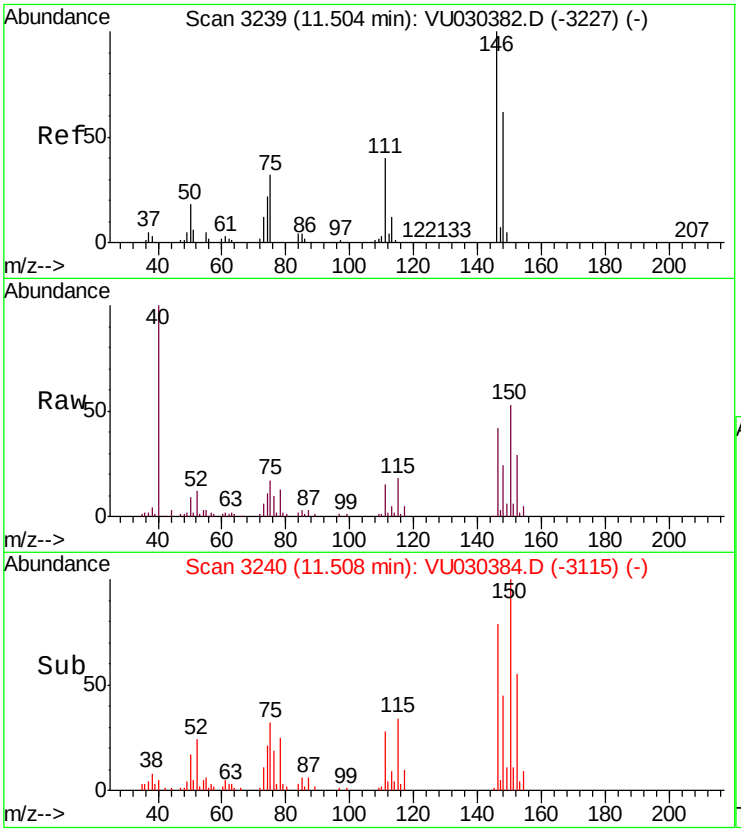


#59
1,2,3-Trichloropropane
Concen: 5.727 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030384.D
Acq: 24 Mar 2019 23:18

Tgt Ion: 75 Resp: 25082

Ion	Ratio	Lower	Upper
75	100		
77	26.7	25.4	38.2



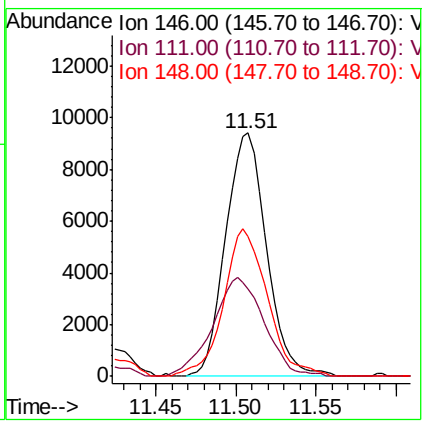


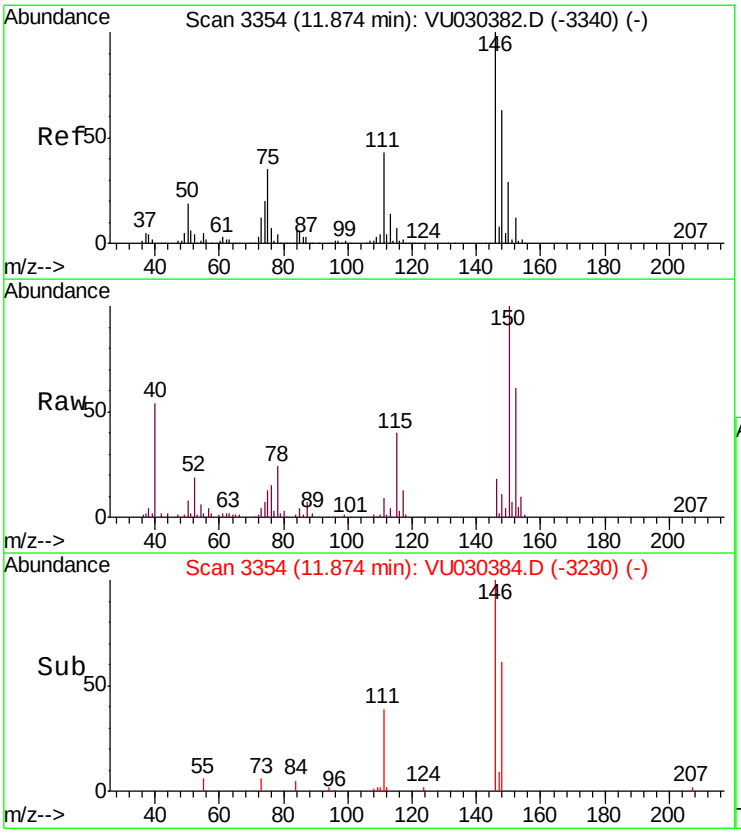
#63
1,4-Dichlorobenzene
Concen: 3.343 ug/L
RT: 11.51 min Scan# 3240
Delta R.T. 0.00 min
Lab File: VU030384.D
Acq: 24 Mar 2019 23:18

Instrument :
MSVOA_U
ClientSampleId :
DB6S5

Tgt Ion:146 Resp: 16429

Ion	Ratio	Lower	Upper
146	100		
111	35.8	28.7	53.3
148	57.5	44.3	82.3





#65
1,2-Dichlorobenzene
Concen: 2.890 ug/L
RT: 11.87 min Scan# 3354
Delta R.T. 0.00 min
Lab File: VU030384.D
Acq: 24 Mar 2019 23:18

Tgt Ion:146 Resp: 13950

Ion	Ratio	Lower	Upper
146	100		
111	49.5	34.9	52.3
148	65.4	51.2	76.8